

REMARKS

Applicant has carefully reviewed and considered the Office Communication mailed on May 2, 2006. This first reply is being filed within two months of the mailing date of the Office Communication, and includes a petition for a 1-month extension of time. Please consider this a Petition to Extend the period of time as necessary for filing a reply in the above-identified application. Please charge any required fee or credit overpayment to Deposit Account number 502931.

The Examiner has withdrawn the previous Restriction/Election requirement, stating instead that the Restriction/Election requirement is moot in light of the previous incomplete response to the Miscellaneous Office Action mailed March 8, 2005.

The Examiner has withdrawn Applicant's claims 23-54, alleging that the subject matter of the invention had changed as compared to the original claims 1-22. Applicant has cancelled claims 1-54. However, Applicant's January 23, 2006 had added claims 55-71. Since the Examiner has ignored or omitted mention of these claims in the Office Communication of May 2, 2006, Applicant has marked these claims as "not entered" and entered the new claims starting with number 72.

Applicants have cancelled all prior claims and added new claims 72-93.

Claim 72 is to the invention of and, as amended, is derived directly from original claim 1 as follows:

72. (Marked up as if amended from claim 1) A method performed by a server ~~for directing a subsequent update of a store~~, the method comprising:

~~a step for parsing a provided template according to a markup language, the template including a start tag comprising an attribute value, parsing being performed to determine a value name from the attribute value~~ by identifying a set of elements that form a unique key, wherein the set of elements include a group name, a subgroup name, and a sequence element;

a step for preparing a forming the unique key comprising the value name;

retrieving a value from a data store using the unique key;

substituting the retrieved value from the data store for the set of elements forming the unique

key in the markup-language template;

~~a step for~~ preparing a request data object comprising a portion of the template after substituting the value from the data store that was retrieved using the unique key for at least the attribute value; and

~~a step for~~ providing the request data object to a client of the server.

Thus, New claim 72 is the same invention as original claim 1, with some changes and additional limitations.

Claim 73 is to the invention of and, as amended, is derived directly from original claim 2 as follows:

73. (Marked up as if amended from claim 2)

The method of claim 472, ~~further for updating the store, the method~~ further comprising:

~~a step for~~ parsing a message received from the client, the message comprising the key and an update value; and

~~a step for~~ updating the store in accordance with the update value at a record accessed in accordance with the key.

Claims 74-79 parallel claims 3-8)

80. (Marked up as if amended from claim 9)

The method of claim 879, wherein:

~~the step for~~ parsing to determine a the value name comprises ~~a step for~~ parsing the attribute value according to the markup language to determine a second start tag and a second attribute value; and

~~the~~ value name is determined in accordance with the second attribute value.

81. (Marked up as if amended from claim 10)

The method of claim 980, wherein ~~the step for~~

parsing to determine a value name comprises:

~~a step for~~ parsing the attribute value according to the markup language to determine a second start tag; and

~~a step for~~ parsing the second start tag to determine a second attribute value, a third attribute value, and a fourth attribute value; wherein the value name is determined in accordance with the second attribute value, the third attribute value, and the fourth attribute value.

83. (Marked up as if amended from claim 12) A server comprising:

means for parsing a template according to a markup language, the markup language having a start tag comprising an attribute value, parsing being performed to determine a value name from the attribute value by identifying a set of elements that form a unique key, wherein the set of elements include a group name, a subgroup name, and a sequence element;

means for preparing a forming the unique key comprising the value name;

means for retrieving a value from a data store using the unique key;

means for substituting the retrieved value from the data store for the set of elements forming the unique key in the markup-language template;

means for preparing a request data object comprising a portion of the template after substituting the value from the data store that was retrieved using the unique key for at least the attribute value;

means for providing the request data object to a client of the server.

93. (Marked up as if amended from claim 22) A method ~~for updating a record of a store, the method~~ comprising:

~~a step for~~ composing a page to be sent via a network, the page comprising:

(1) a start tag comprising an attribute value, the attribute value comprising a value name; and

(2) at least one named value recalled from the record of the store;

~~a step for~~ decomposing a message received via the network, the message comprising indicia of the value name and a replacement value; and

~~a step for~~ updating the named value of the record in accordance with the replacement value, wherein updating comprises ~~a step for~~ accessing the record in accordance with the indicia of the value name.

Information Disclosure Statement

Regarding Section 2 of the March 8, 2005, Office Action: The Examiner noted that the prior submitted Information Disclosure Statement filed 8/22/2003, failed to comply with certain formal requirements. Applicant believes that the Supplemental IDS filed on 6/08/2005, including the prior references and new references, overcomes the objections noted by the Examiner. Accordingly, consideration of the cited references with a marked SB08 returned to Applicant is respectfully requested.

Specification

Regarding Section 3 of the March 8, 2005, Office Action: The abstract was objected by the Examiner as being a copy of the claim 1 and also a part of the summary. An amended abstract is included in this Response and Amendment. Accordingly, reconsideration and withdrawal of the objection is respectfully requested.

Claim Rejections – 35 USC § 101

Regarding Section 5 of the March 8, 2005, Office Action: Dependent claim 11 (replaced by new claim 82) was rejected by the Examiner under 35 U.S.C. 101, as being directed to a computer readable medium for indicia of the method, which the Examiner asserted is a non-statutory subject matter. Applicant respectfully traverses.

This type of claim has been determined to cover patentable subject matter by the courts. See for example the decision in the case of In re Beauregard, 35 USPQ2d 1383 (1995). Accordingly, reconsideration and withdrawal of the rejection and an early indication of allowance is respectfully requested.

Claim Rejections – USC § 103

Regarding Section 7-19 of the March 8, 2005, Office Action: Claims 1-22 (replaced by new claims 72-93) were rejected by the Examiner under 35 U.S.C. 103(a) as being unpatentable over Fong et al. (U.S. Patent No. 6,678,867; hereinafter “*Fong*”) and in view of Jammes et al. (U.S. Patent No. 6,484,149; hereinafter “*Jammes*”). Applicant respectfully traverses. As far as Applicant can determine, Fong does not have a “template including a start tag comprising an attribute value, parsing being performed to determine a value name from the attribute value by identifying a set of elements that form a unique key, wherein the set of elements include a group name, a subgroup name, and a sequence element;” since (per the non-underlined above quoted portion from original claim 1) Fong’s line 64 of Figure 1C is separate from any start tag. Further, the underlined portions added in the current claim 72 also further distinguish the present claims. Still further, the unique key of the present invention, which is formed from a group name, a subgroup name, and a sequence element, is used to retrieve the value from data store in the present invention. Fong, on the other hand, maps SGML to HTML (a markup-language mapping), not a template substitution as in the present invention. Accordingly, claim 72 and its dependent claims 73-81 appear in condition for allowance and such action is respectfully requested. Further claim 82 is a medium claim and claim 83 is a means plus function (35 USC 112 paragraph 6) claim that parallel claim 72. These claims and dependent claims 84-92 thus also appear in condition for allowance for the reasons, and such action is respectfully requested.

No reasons were given by the Examiner for the 35 U.S.C. 103 (a) obvious rejections for claims 11 and 16-21. Accordingly, Applicant will address the rejections for the other claims, and those reasons appear to provide reasons for allowability for claims 11 and 16-21.

Accordingly, reconsideration and withdrawal of the rejections and an early indication of allowance is respectfully requested.

CONCLUSION

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney Charles A. Lemaire (952-278-3501) to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account Number 502931.

Respectfully submitted,

DWAYNE PARKINSON

By his representatives,

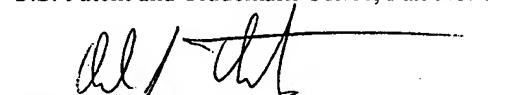
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Date July 3, 2006

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CERTIFICATE OF TRANSMISSION: I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office, Fax No. 1-571-273-8300 on this 3rd day of July, 2006.


Dale J. Thomforde